

|  |  |   |                                    |
|--|--|---|------------------------------------|
| Form PTO-1390  |  | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE          | ATTORNEY'S DOCKET NUMBER<br>P25675 |
| TRANSMITTAL LETTER TO THE UNITED STATES<br>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br>CONCERNING A FILING UNDER 35 U.S.C. 371 |  | U.S. APPLICATION NO. (If known, see 37 CFR 1.5)<br><b>10/501332</b> |                                    |
| INTERNATIONAL APPLICATION NO.<br>PCT/JP03/04550  | INTERNATIONAL FILING DATE<br>10 April 2003 | PRIORITY DATE CLAIMED<br>12 April 2002                              |                                    |
| TITLE OF INVENTION<br>METHOD AND APPARATUS FOR FACE DESCRIPTION AND RECOGNITION USING HIGH-ORDER EIGENCOMPONENTS           |  |   |                                    |
| APPLICANT(S) FOR DO/EO/US: Yongsheng GAO, Chak Joo LEE, Sheng Mei SHEN, Zhongyang HUANG, and Takanori SENOH                |  |   |                                    |

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information.

- ☒ This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.
- ☐ This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.
- ☒ This is an express request to promptly begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (22) indicated below.
- ☐ The US has been elected (PCT Article 31).
- ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - ☒ is attached hereto (required only if not communicated by the International Bureau).
  - ☒ has been communicated by the International Bureau.
  - ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☐ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
  - ☐ is attached hereto.
  - ☐ has been previously submitted under 35 U.S.C. 154 (d) (4).
- ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - ☐ are attached hereto (required only if not communicated by the International Bureau).
  - ☐ have been communicated by the International Bureau.
  - ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - ☐ have not been made and will not be made.
- ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
- ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).  
"Unexecuted"
- ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 16 below concern other document(s) or information included:**

- Assignee: MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., of Osaka, Japan
- ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- ☐ A FIRST preliminary amendment.  
☐ A SECOND or SUBSEQUENT preliminary amendment.
- ☐ An Application Data Sheet under 37 C.F.R. 1.76.
- ☐ A substitute specification.
- ☐ A power of attorney and/or change of address letter.
- ☒ Figure of Drawing to be published: 3
- ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.
- ☐ A second copy of the published international application under 35 U.S.C. 154 (d) (4).
- ☐ A second copy of the English language translation of the international of the international application under 35 U.S.C. 154 (d) (4).
- ☒ Other items or information:  
Cover Letter Under 35 U.S.C. 371 and 37 C.F.R. 1.495.  
Two Cover Sheets of International Application as published (A2 and A3).  
PCT/RO/101 PCT Request.  
PCT/RO/105.  
PCT/ISA/210 International Search Report.  
PCT/ISA/220.  
PCT/IB/301.  
PCT/IB/304.  
PCT/IB/308.  
Claim of Priority.

|   |              |   |           |                                    |              |
|---|--------------|---|-----------|------------------------------------|--------------|
| U.S. APPLICATION NO. (If known, see 37 CFR 1.5)<br><b>10/501332</b>   |              | INTERNATIONAL APPLICATION NO.<br>PCT/JP03/04550 |           | ATTORNEY'S DOCKET NUMBER<br>P25675 |              |
| 23 <input checked="" type="checkbox"/> The following fees are submitted:<br>Basic National Fee (37 CFR 1.492(a)(1)-(5)):<br>Search report has been prepared by the EPO or JPO.....\$ 920.00<br>International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33 (1)-(4) .....\$ 730.00<br>No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)).....\$ 770.00<br>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$1,080.00<br>International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) \$ 100.00 |              |   |           | CALCULATIONS                       | PTO USE ONLY |
|   |              |   |           |                                    |              |
| ENTER APPROPRIATE BASIC FEE AMOUNT =  |              |   |           | \$ 920.00                          |              |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).   |              |   |           | \$ 0.00                            |              |
| Claims  | Number Filed | Number Extra                                    | Rate      |                                    |              |
| Total Claims  | 18 - 20 =    | 0   | x \$18.00 | \$ 0.00                            |              |
| Independent Claims  | 6 - 3 =      | 3   | x \$86.00 | \$ 258.00                          |              |
|   |              |   | + 290.00  | \$ 0.00                            |              |
| TOTAL OF ABOVE CALCULATIONS =   |              |   |           | \$ 1,178.00                        |              |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.  |              |   |           | \$ 0.00                            |              |
| SUBTOTAL =  |              |   |           | \$ 1,178.00                        |              |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).   |              |   |           | \$ 0.00                            |              |
| Extension of Time fee in the amount of \$   |              |   |           | \$ 0.00                            |              |
| TOTAL NATIONAL FEE =  |              |   |           | \$ 1,178.00                        |              |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property  |              |   |           | \$ 0.00                            |              |
| TOTAL FEES ENCLOSED =   |              |   |           | \$ 1,178.00                        |              |
|   |              |   |           | Amount to be refunded              | \$           |
|   |              |   |           | Charged                            | \$           |

a. ☒ A check in the amount of \$1,178.00 to cover the above fees is included.

b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.

c. ☒ The U.S. Patent and Trademark Office is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-0089.


d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public.  
Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

e. ☒ Charge any additional fee required under 37 C.F.R. 1.16 and 1.17, including any required extension of time fees in any concurrent or future reply requiring a petition for extension of time for its timely submission (37 CFR 1.136(a)(3)).

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO CUSTOMER NO. 7055  
AT THE PRESENT ADDRESS OF:

Bruce H. Bernstein  
GREENBLUM & BERNSTEIN, P.L.C.  
1950 Roland Clark Place  
Reston, VA 20191  
(703) 716-1191

  
 SIGNATURE  
Reg No. 33,329  
 NAME  
 Bruce H. Bernstein  
 29.027  
 REGISTRATION NUMBER

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Yongsheng GAO et al.  
Appl. No: : Not Yet Assigned (U.S. National Phase of PCT/JP03/04550)  
Filed : Concurrently Herewith (I.A. Filed April 10, 2003)  
For : METHOD AND APPARATUS FOR FACE DESCRIPTION AND  
RECOGNITION USING HIGH-ORDER EIGENCOMPONENTS

**COVER LETTER ACCOMPANYING U.S. NATIONAL STAGE PATENT  
APPLICATION FILED UNDER 35 U.S.C. 371 AND 37 C.F.R. 1.495**

**Mail Stop PCT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a new National Stage patent application for filing in the U.S. Patent and Trademark Office under 35 U.S.C. 371 and 37 C.F.R. 1.495. The Declaration and Power of Attorney attached thereto are in unexecuted form. A properly executed Declaration and Power of Attorney of the International Application as filed, will be filed within the period of time set in a Notification to be mailed by the United States Patent and Trademark Office.

Related to the above, this application should be associated with Customer Number 7055, which includes the present correspondence address as follows:

GREENBLUM & BERNSTEIN P.L.C.  
1950 Roland Clarke Place  
Reston, VA 20191

P25675.P02

If there are any questions pertaining to this National Stage Application, please contact the undersigned.

Respectfully submitted,  
Yongsheng GAO et al.

  
Bruce H. Bernstein  
Reg. No. 29,027

Reg. No. 33,329

July 21, 2004  
GREENBLUM & BERNSTEIN, P.L.C.  
1950 Roland Clarke Place  
Reston, VA 20191  
(703) 716-1191